



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659,594	09/10/2003	Dave R. Dehart	10015846-1	5314
22879 7590 04/04/2007 HEWLETT PACKARD COMPANY P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, CO 80527-2400			EXAMINER WALSH, JOHN B	
			ART UNIT 2151	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE			MAIL DATE	DELIVERY MODE
3 MONTHS			04/04/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/659,594

Applicant(s)

DEHART, DAVE R.

Examiner

John B. Walsh

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Claim Rejections - 35 USC § 101

1. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

2. Claims 14-18 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Claim 14 recites “a system stored on a computer-readable medium.” It appears the claim is drawn to computer software, which is non-statutory subject matter. The claim does not define a structural and functional interrelationship between the computer program and other elements of a computer which permit functionality of the computer program to be realized. See also MPEP 2106.01.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-13, 14-18 (as best understood) and 19-22 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 5,956,487 to Venkatraman et al.

As concerns claims 1, a method for providing print quality support to a device user, the method comprising: presenting a link (column 7, lines 5-22) to print quality support in a device driver user interface (column 2, line 38); and providing print quality support information (column 3, lines 20-21; column 5, lines 13-14; column 7, lines 5-22) to the user when the link is selected by the user.

As concerns claim 2, wherein presenting a link comprises presenting a hyperlink (column 7, lines 5 and 19) to a network file.

As concerns claim 3, the method of claim 2, wherein presenting a hyperlink to a network file comprises presenting a hyperlink to at least one of a web document, a web site, and a web page (column 7, lines 12 and 19).

As concerns claim 4, the method of claim 1, wherein presenting a link comprises presenting a link in association with a color tab of the device driver user interface (column 2, line 34-link displayed on a screen which inherently has colors).

As concerns claim 5, the method of claim 1, wherein providing print quality support information comprises providing print quality support information in a network browser (column 2, lines 18-20; column 5, line 12; column 7, line 6) that retrieves the support information from a network.

As concerns claim 6, the method of claim 1, wherein providing print quality support information comprises providing print quality support information retrieved from a web server (column 2, line 16) by an Internet browser via the Internet (column 2, line 30).

As concerns claim 7, the method of claim 1, wherein providing print quality support information comprises presenting information regarding at least one of proper device operation and troubleshooting tips (column 5, lines 12-13; column 7, line 7; column 7, line 16).

As concerns claim 8, a system for providing print quality support to a device user, the system comprising: means for controlling a peripheral device from a user computer (column 2, lines 17-18; column 4, lines 23-24); means for interfacing with the means for controlling (column 2, line 34); and means, included within the means for interfacing, for presenting print quality support information obtained via a network (column 7, lines 5 and 19).

Art Unit: 2151

As concerns claim 9, the system of claim 8, wherein the means for controlling comprise a peripheral device driver (column 2, lines 17-18; column 4, lines 23-24) that executes on the user computer.

As concerns claim 10, the system of claim 8, wherein the means for interfacing comprise a device driver user interface that is presented to the user in a display (column 2, line 34) of the user computer.

As concerns claim 11, the system of claim 8, wherein the means for presenting print quality support information comprise a hyperlink (column 7, lines 5 and 19) to a network file.

As concerns claim 12, the system of claim 11, wherein the means for presenting print quality support information further comprise a network browser (column 2, lines 18-20; column 5, line 12; column 7, line 6) with which the information may be viewed.

As concerns claim 13, the system of claim 8, wherein the means for presenting print quality support information comprise means for presenting information regarding at least one of proper device operation and troubleshooting tips (column 5, lines 12-13; column 7, line 7; column 7, line 16).

As concerns claim 14, a system stored on a computer-readable medium, the system comprising: logic configured to operate and control a peripheral device (column 2, lines 17-18; column 4, lines 23-24); logic configured to support interaction between a user and the logic configured to operate and control (column 2, line 38); and logic configured to enable provision of information regarding print quality issues retrieved from a network, the logic configured to enable provision of information being contained within the logic configured to support interaction (column 2, lines 18-20; column 5, line 12; column 7, line 6).

Art Unit: 2151

As concerns claim 15, the system of claim 14, wherein the logic configured to operate and control comprises a peripheral device driver (column 2, lines 17-18; column 4, lines 23-24).

As concerns claim 16, the system of claim 14, wherein logic configured to support interaction comprises a device driver user interface (column 2, line 38).

As concerns claim 17, the system of claim 14, wherein the logic configured to enable provision of information comprises a hyperlink (column 7, lines 5 and 19) to a network file.

As concerns claim 18, the system of claim 17, wherein the logic configured to enable provision of information further comprises a network browser (column 2, lines 18-20; column 5, line 12; column 7, line 6).

As concerns claim 19, a peripheral device driver user interface, the interface comprising: a window that is viewable in a computer display (column 2, line 34); information and options (column 5, lines 12-13; column 7, line 7; column 7, line 16) associated with the peripheral device and its operation presented within the window; and a link (column 7, lines 5 and 19) to network-accessible print quality support information that aids a user in identifying the cause of a print quality problem.

As concerns claim 20, the interface of claim 19, wherein the link comprises a hyperlink (column 7, lines 5 and 19) to a web file.

As concerns claim 21, the interface of claim 20, wherein the hyperlink is associated with a color tab presented in the window (column 2, line 34-link displayed on a screen which inherently has colors).

As concerns claim 22, the interface of claim 19, wherein the link is configured to take the user to information regarding at least one of the proper operation of the peripheral device and

Art Unit: 2151

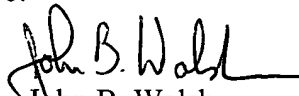
how to troubleshoot print quality problems (column 5, lines 12-13; column 7, line 7; column 7, line 16).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John B. Walsh whose telephone number is 571-272-7063. The examiner can normally be reached on Monday-Thursday from 7:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on 571-272-3939. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


John B. Walsh
Primary Examiner
Art Unit 2151